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PATENT FULL TEXT AND IMAGE DATABASE

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PAT. NO.	Title
1 5,540,951	T Method for two-dimensional assembly formation of fine particles from a liquid dispersion
2 5,516,573	T Roofing materials having a thermoplastic adhesive intergace between coating asphalt and roofing granules
3 5,516,555	T Evaporation method for forming a gas barrier film having an organosilicon dispersed discontinuously in an inorganic matrix
4 5,503,875	T Film forming method wherein a partial pressure of a reaction byproduct in a processing container is reduced temporarily
5 5,498,758	T Method for the cold end coating of glassware using a vaporizer having an internal flow path from a reservoir of liquid coating material to a vapor deposition chamber
6 5,496,594	T Chemical vapor deposition apparatus and method wherein a corona discharge is generated inside a perforated cage which surrounds the substrate
7 5,496,587	T Method for printing a metallic appearance on moldable sheet plastic
8 5,495,550	T Graphite flash evaporator having at least one intermediate layer and a pyrolytic boron nitride coating
9 5,494,728	T Method for making roofing shingles using asphalt fibers, and shingles made thereby
10 5,494,520	T Apparatus for coating jet milled particulates onto a substrate by use of a rotatable applicator
11 5,493,630	T Pyrolytic boron nitride coated flash evaporator
12 5,493,117	T Apparatus and method for glow discharge treatment of a moving web using electrodes fitted into a single common socket and having end portions covered by electrically conductive shields
13 5,492,724	T Method for the controlled delivery of vaporized chemical precursor to an LPCVD reactor
14 5,492,721	T Method for producing enamelled wires using fusible resins
15 5,492,606	T Method for self-stabilizing deposition of a stoichiometric compound by reactive sputtering
16 5,491,003	T Method for manufacturing an optical recording film composed of a metal and an oxide which can undergo an oxidation-reduction reaction upon exposure to a laser beam
17 5,482,781	T Process for restrengthening damaged paper and product produced thereby
18 5,480,683	T Process for reducing the coefficient of friction and wear between a metal part and an organic polymer-or copolymer-based part and its application to artificial limb-joints and fittings working in marine environments

- 19 5,478,700 **T** Method for applying bonding agents to pad and/or interconnection sites in the manufacture of electrical circuits using a bonding agent injection head
- 20 5,476,689 **T** Method for electrostatic powder coating of fasteners magnetically suspended from a conveyor
- 21 5,476,547 **T** Gas feeding device for controlled vaporization of an organometallic compound used in deposition film formation
- 22 5,472,746 **T** Method of producing an electrostatically painted multi-layered hose
- 23 5,468,519 **T** Method for forming an orientation film including coupling an organic compound to a silane coupling agent in a magnetic or electrical field
- 24 5,468,326 **T** Apparatus for polishing a diamond or carbon nitride film by reaction with oxygen transported to the film through a superionic conductor in contact with the film
- 25 5,462,602 **T** Apparatus for continuous reactive metal deposition in vacuum with web looping over upper and lower rollers
- 26 5,462,223 **T** Process for coating glue spot rows and strips onto longitudinally extending blanks for hinge-lid packs and blanks produced thereby
- 27 5,460,858 **T** Method for forming a smooth-surfaced insulating layer
- 28 5,456,953 **T** Method for coating bake hardenable steel with a water based chromium bearing organic resin
- 29 5,453,329 **T** Method for laser cladding thermally insulated abrasive particles to a substrate, and clad substrate formed thereby
- 30 5,453,295 **T** Method for preventing filiform corrosion of aluminum wheels by powder coating with a thermosetting resin
- 31 5,453,293 **T** Methods of manufacturing coated particles having desired values of intrinsic properties and methods of applying the coated particles to objects
- 32 5,449,536 **T** Method for the application of coatings of oxide dispersion strengthened metals by laser powder injection
- 33 5,447,752 **T** Method for making a decorative cementitious pattern on a surface
- 34 5,445,699 **T** Processing apparatus with a gas distributor having back and forth parallel movement relative to a workpiece support surface
- 35 5,437,892 **T** Method for manufacturing a fine-particles two-dimensional aggregate from a liquid dispersion of fine particles
- 36 5,436,031 **T** Method for impregnating a heated, flat, fibrous substrate with synthetic resin
- 37 5,433,788 **T** Apparatus for plasma treatment using electron cyclotron resonance
- 38 5,425,969 **T** Method of coating articles made of polypropylene with an electrically conductive primer and electrostatically applied overcoat
- 39 5,407,747 **T** Filiform corrosion resistant aluminum automotive road wheel
- 40 5,405,659 **T** Method and apparatus for removing material from a target by use of a ring-shaped elliptical laser beam and depositing the material onto a substrate
- 41 5,405,652 **T** Method of manufacturing a die for use in molding glass optical elements having a fine pattern of concavities and convexities
- 42 5,405,647 **T** Method for applying granules to a moving coated asphalt sheet to form areas having sharp leading and trailing edges
- 43 5,397,598 **T** Method for selectively coating a member having a shank by masking a portion of the shank with a washer
- 44 5,391,407 **T** Process for forming protective diamond-like carbon coatings on metallic surfaces

- 45 5,384,685 **T** Screen printing of microprotrusions for use as a space separator in an electrical storage device
- 46 5,382,450 **T** Method for powder spray coating an article using a conveyor having a wiping surface
- 47 5,382,449 **T** Method of using volcanic ash to maintain separation between asphalt roofing shingles
- 48 5,380,552 **T** Method of improving adhesion between roofing granules and asphalt-based roofing materials
- 49 5,380,549 **T** Method for forming traffic surfaces having double-coated bonding of anti-slip particles and containing retro-reflective beads
- 50 5,376,414 **T** Expansion compensated precision extrusion method

- 51 5,372,852 **T** Indirect printing process for applying selective phase change ink compositions to substrates
- 52 5,372,749 **T** Method for surface treating conductive copper powder with a treating agent and coupler
- 53 RE34,806 **T** Magnetoplasmadynamic processor, applications thereof and methods
- 54 5,368,887 **T** Process for producing thin glass film by sol-gel method
- 55 5,368,885 **T** Method of applying coating powder and glass flake to produce a glass flake-containing finish
- 56 5,368,618 **T** Method of making a coated abrasive article
- 57 5,366,763 **T** Methods of producing durable lustrous coating on vitreous objects
- 58 5,362,523 **T** Method for the production of compositionally graded coatings by plasma spraying powders
- 59 5,362,518 **T** Method for watercolor painting using rock salt
- 60 5,360,639 **T** Method of providing a decorative pattern on a screw head
- 61 5,358,753 **T** Method of making an anti-friction coating on metal by plasma spraying powder having a solid lubricant core and fusable metal shell
- 62 5,358,747 **T** Siloxane coating process for carbon or graphite substrates
- 63 5,358,744 **T** Process for coating a ferritic stainless steel strip with aluminum by hot quenching
- 64 5,358,742 **T** Process for providing a visually distinctive target by coloring and heat deformation of hook material on the target
- 65 5,356,673 **T** Evaporation system and method for gas jet deposition of thin film materials
- 66 5,356,672 **T** Method for microwave plasma assisted supersonic gas jet deposition of thin films
- 67 5,356,664 **T** Method of inhibiting algae growth on asphalt shingles
- 68 5,356,656 **T** Method for manufacturing flexible amorphous silicon solar cell
- 69 5,356,504 **T** Method of sealing cracks in foundation walls by applying polyvinyl acetal as a primer for silicone sealant
- 70 5,354,582 **T** Method for utilizing toner fines as an electrostatic spray coating material
- 71 5,354,579 **T** Mechanical plating method for forming a zinc alloy film by ejecting heat treated powder
- 72 5,352,485 **T** Synthesis of metal oxide thin films
- 73 5,352,480 **T** Method for binding particles to fibers using reactivatable binders
- 74 5,350,598 **T** Apparatus and method for selectively coating a substrate in strip form
- 75 5,350,597 **T** Method for intermittently applying particulate powder material to a fibrous substrate
- 76 5,348,771 **T** Method of producing an oxygen barrier coating containing trimethoxysilyl functional pentadienoate

- 77 5,348,767 **T** Methods for production of faux effects using select color mixtures and blending solvents
- 78 5,348,766 **T** Method for marbleizing an object by dipping the object into paint floating on borax-conditioned water
- 79 5,348,761 **T** Use of a swellable plastic and process for making a resistive moisture sensor
- 80 5,346,727 **T** Application of smooth PVOF-based powder coatings to substrates
- 81 5,344,676 **T** Method and apparatus for producing nanodrops and nanoparticles and thin film deposits therefrom
- 82 5,344,672 **T** Process for producing powder coated plastic product
- 83 5,342,670 **T** Process for simulating a chaotic pattern on a surface by applying to the surface a nonuniform multilayered coating
- 84 5,342,653 **T** Method of producing polyvinyl butyral sheet having a desired level of glass adhesion
- 85 5,340,617 **T** Electrostatic patterning of multi-layer module lamina
- 86 5,340,616 **T** A coating method using an electrified web and increased humidity
- 87 5,340,615 **T** Method to produce non-stressed flame spray coating and bodies
- 88 5,340,614 **T** Methods of polymer impregnation
- 89 5,340,610 **T** Method of splatter painting a rotating object
- 90 5,338,579 **T** Method of manufacturing a chemically adsorbed film
- 91 5,338,578 **T** Method for achieving a smooth powder coated finish on a low density compression-molded plastic article
- 92 5,336,646 **T** Method of surface strengthening alumina-zirconia composites using MoO.sub.2
- 93 5,334,741 **T** Phosphorylation with monomeric metaphosphates
- 94 5,334,250 **T** Vapor deposition apparatus for using solid starting materials
- 95 5,330,799 **T** Press polymerization of lenticular images
- 96 5,328,736 **T** Apparatus and process for impregnating fibers with an aerosol of electrostatically charged polymer powder particles
- 97 5,328,724 **T** Solution coating process for packaging film
- 98 5,328,721 **T** Process for manufacturing sodium carbonate perhydrate particles and coating them with sodium borosilicate
- 99 5,328,720 **T** Coating-fluidizing gas supply system and method for flat bottom coater
- 100 5,328,713 **T** Precise regulation of fluidized bed weight in pyrolytically coating substrates
- 101 5,326,719 **T** Thin film growth using two part metal solvent
- 102 5,326,598 **T** Electrospray coating apparatus and process utilizing precise control of filament and mist generation
- 103 5,326,592 **T** On die solution coating of extruded profiles and apparatus therefor
- 104 5,324,546 **T** Process for producing coatings having multiple raised beads simulating liquid droplets on surfaces of articles
- 105 5,324,543 **T** Method of manufacturing an adsorbed monomolecular film
- 106 5,324,538 **T** Process for producing composite semipermeable membrane employing a polyfunctional amine solution and high flash point - solvent
- 107 5,318,807 **T** Process for preparing printed sheets with optical effects
- 108 5,316,801 **T** Electrostatic powder coating method for insulating the series loop connections of a dynamoelectric machine

- 109 5,316,798 **T** Method of making a cylindrical sleeve structure, particularly cover for an offset cylinder in a rotary printing machine
- 110 5,314,711 **T** Method and apparatus for printing green-tape foil circuits
- 111 5,312,648 **T** Method for coating particles using counter-rotating disks
- 112 5,310,582 **T** Apparatus and high speed method for coating elongated fibers
- 113 5,310,579 **T** Method and apparatus for painting a surface by moving a device through a paint reservoir and across the surface
- 114 5,308,653 **T** Method for coloring wood chips using a screw conveyor
- 115 5,308,396 **T** Method of making lightweight granules coated with cementitious material
- 116 5,304,400 **T** Process for coating heat resistant substrates with two component stoving compositions
- 117 5,304,399 **T** Method of producing epoxy resin film
- 118 5,302,418 **T** Process for surface-modifying polypropylene or polyethylene
- 119 5,302,414 **T** Gas-dynamic spraying method for applying a coating
- 120 5,300,323 **T** Reducing or avoiding pinhole formation in autodeposition on zinciferous surfaces
- 121 5,300,317 **T** Process for covering solid particles in powder form with a material which is solid or of high viscosity at room temperature
- 122 5,298,296 **T** Process for the elaboration of powders uniformly coated with ultrafine silicon-base particles using chemical vapor decomposition in the presence of core powders
- 123 5,298,284 **T** Method of making a swelling cable wrap
- 124 5,298,277 **T** Method for decreasing spray coating nonuniformity at an end portion of a moving workpiece
- 125 5,296,265 **T** Fluidized coating apparatus having perforated rotating disk and method of using same
- 126 5,294,459 **T** Air assisted apparatus and method for selective coating
- 127 5,292,556 **T** Method for preparing negative-working wash-off relief images
- 128 5,292,552 **T** Method for forming metallized layer on an aluminum nitride sintered body
- 129 5,292,551 **T** Process for producing electroconductive powders
- 130 5,290,607 **T** Method and system for significantly increasing the density of particulates on a substrate
- 131 5,290,606 **T** Method for manufacturing a substrate for a printed circuit board
- 132 5,290,596 **T** Method of making composite laminate for sliding elemens
- 133 5,288,322 **T** Apparatus and method for coloring textile articles while expanded and pressed against a pattern
- 134 5,286,528 **T** Protective and decorative sheet material having a transparent topcoat
- 135 5,286,527 **T** Adhesion promoter
- 136 5,286,518 **T** Integrated-circuit processing with progressive intermetal-dielectric deposition
- 137 5,284,682 **T** Copper/nickel epoxy coating and application process as antifouling agent
- 138 5,284,678 **T** Method and apparatus for coating particles agitated by a rotatable rotor
- 139 5,283,085 **T** Method of manufacturing a hot-cathode element
- 140 5,283,080 **T** Method and apparatus for manufacturing a granule-covered roofing material by modifying a process parameter in response to measured reflected light
- 141 5,281,437 **T** Production of particulate solid-bearing low density air-permeable sheet materials
- 142 5,279,858 **T** Flexographic apparatus having a temperature control device embedded in a substrate support and method for forming patterned films using the apparatus
- 143 5,279,854 **T** Method and apparatus for zoned application of particles in fibrous material

- 144 5,275,849 **T** Cleaning method using both wet and dry steam, and apparatus adapted therefor
- 145 5,273,787 **T** Method of protecting wood surfaces and a wood product produced thereby
- 146 5,273,780 **T** Screen printing a glass pane with a decorative coating including blowing away or sucking printing ink from the edge of the glass pane
- 147 5,271,969 **T** Method of manufacturing metal oxide ceramic composite powder
- 148 5,271,964 **T** Process for manufacturing abrasive tape
- 149 5,271,144 **T** Coil coating of sheet metal to provide localized corrosion protection
- 150 5,270,082 **T** Organic vapor deposition process for corrosion protection of metal substrates

- 151 5,270,078 **T** Method for preparing high resolution wash-off images
- 152 5,268,195 **T** Method and apparatus for producing finely pulverized sand particles for use in the production of casting molds and for coating with the finely pulverized sand particles models for shaped castings
- 153 5,267,390 **T** Organic vapor deposition process for corrosion protection of prestamped metal substrates
- 154 5,264,255 **T** Method of applying a coating of loose particle material to an article
- 155 5,264,036 **T** Apparatus for applying a fluid under hydrostatic pressure to a moving web of material
- 156 5,262,202 **T** Heat treated chemically vapor deposited products and treatment method
- 157 5,260,101 **T** Multicomponent system for a refinish coating composition and a method for applying the same
- 158 5,260,099 **T** Method of making a gas turbine blade having a duplex coating
- 159 5,260,097 **T** Method for masking a surface by adhesive application of an elongated, compressible, windowless cushion
- 160 5,260,093 **T** Method of making biocompatible, surface modified materials
- 161 5,258,204 **T** Chemical vapor deposition of metal oxide films from reaction product precursors
- 162 5,258,073 **T** Method for preventing deposition on portions of workpieces during continuous spray coating
- 163 5,256,450 **T** Process for impregnating porous metal articles using water miscible anaerobic sealants
- 164 5,256,448 **T** Sol-gel method of making silicon carbide and of protecting a substrate
- 165 5,256,445 **T** Method and apparatus for buffing and painting a annulation
- 166 5,256,444 **T** Method for suppressing dust emissions from bulk solids
- 167 5,256,442 **T** Screen printing method for forming a multiplicity of printed wiring boards
- 168 5,256,440 **T** Process for producing a tablet core aperture
- 169 5,254,365 **T** Method of making ceramic composite articles
- 170 5,254,364 **T** Method of making a soil composition comprised of clay-coated sand particles
- 171 5,252,366 **T** Chemical vapor deposition method using an actively cooled effuser to coat a substrate having a heated surface layer
- 172 5,252,362 **T** Method for protecting articles from hydrogen absorption by application of an alumina coating
- 173 5,250,323 **T** Chemical vapor growth apparatus having an exhaust device including trap
- 174 5,250,321 **T** Method of printing a glass pane with a decorative coating reaching the peripheral face of the glass pane
- 175 5,248,523 **T** Method for coating an inclined surface with powder
- 176 5,246,739 **T** Method for the treatment of wood with metal-lignin salts

- 177 [5,246,736](#) **T** [Process for the manufacture of a refractory composite material protected against corrosion](#)
- 178 [5,246,732](#) **T** [Method of providing a copper pattern on a dielectric substrate](#)
- 179 [5,242,706](#) **T** [Laser-deposited biocompatible films and methods and apparatuses for producing same](#)
- 180 [5,242,500](#) **T** [Apparatus for the continuous coating of band-type substrate](#)
- 181 [5,240,495](#) **T** [In situ formation of metal-ceramic oxide microstructures](#)
- 182 [5,236,745](#) **T** [Method for increasing the cyclic spallation life of a thermal barrier coating](#)
- 183 [5,236,738](#) **T** [Method for making magnetic recording media by kneading, dilution kneading, and dispersing a mixture of inorganic grains, binders, and solvents](#)
- 184 [5,234,720](#) **T** [Process of preparing lubricant-impregnated fibers](#)
- 185 [5,232,746](#) **T** [Powder coating process employing fluorinated thermoplastics in admixture with potassium titanate fibers](#)
- 186 [5,229,171](#) **T** [Apparatus and method for uniformly coating a substrate in an evacuable chamber](#)
- 187 [5,229,170](#) **T** [Method for electrostatically transporting ultrafine particles by use of a needle electrode](#)
- 188 [5,229,167](#) **T** [Method of forming a film pattern on a substrate](#)
- 189 [5,213,843](#) **T** [Vacuum powder injector and method of impregnating fiber with powder](#)

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